

IN THE CLAIMS

Claims 1-30 (canceled)

Claim 31 (Previously presented) A chemical solution distribution system for distributing chemical solutions into multiwell plates having at least 384 wells, the system comprising:

a) at least one liquid handler comprising 48 or more, but not less than 384, tips, said tips having a dynamic range of liquid dispensation of 100 to 2000 nanoliters, and

b) an orthogonal positioner, said liquid handler comprising a tip dispensing matrix with about 96 or more tips, being capable of moving said at least one multiwell plate with an X-Y location accuracy of at least ± 0.09 mm in X and Y.